Date: <u>August 6, 2007</u> Label No. <u>EM030847982US</u> I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

	Kim Blum	Memor	MM		
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AUG U	6 2007 IN TH	E UNITED STATES F	PATENT	TAND TRADEMARK	OFFICE
(A)	In reachpplication of:	KYRLIDIS et al.	)	Examiner:	Arun S. Phasge
BIRAC	MARKE		)		S
	Application No.:	09/945,340	)	Group Art Unit:	1753
			)		
	Filed:	August 31, 2001	)	Confirmation No.:	1425
	Docket No.: 96074	CIP2 (3600-011-03)	)		

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For: CHROMATOGRAPHY AND OTHER ADSORPTIONS USING MODIFIED CARBON ADSORBENTS

## FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(b)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

August 6, 2007

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO/SB/08. Pursuant to the current United States Patent and Trademark Office rules, no copies of U.S. Patents/Patent Application Publications are provided.

This Fourth Supplemental Information Disclosure Statement is being submitted after expiration of the three-month period following filing of the above-captioned application, but before any Final Office Action or Notice of Allowance.

The above information is presented so that the Patent and/Trademarks Office can, in the first 02 FC:1806 180.03 DA instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO/SB/08 be made of record therein and appear

Fourth Supplemental Information Disclosure Statement

U.S. Patent Application No. 09/945,340

on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists

and does not constitute an admission that each or all of the listed documents are material or

constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in

this application and applicant determines that the cited documents do not constitute "prior art" under

United States law, applicant reserves the right to present to the office the relevant facts and law

regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of

the disclosed invention over the listed documents, should one or more of the documents be applied

against the claims of the present application.

Please charge the fee of \$180.00 to Deposit Account No. 03-0060. If there are any other

fees due in connection with the filing of this response, please charge the fees to Deposit Account 03-

0060.

Respectfully submitted,

Luke A. Kilyk

Reg. No. 33,251

Atty. Docket No.: 96074CIP2 (3600-011-03)

KILYK & BOWERSOX, P.L.L.C.

400 Holiday Court, Suite 102

Warrenton, VA 20186

Tel: (540) 428-1701 Fax: (540) 428-1720

Enclosures:

PTO/SB/08 w/4 Documents

- 2 -

Approved for use through 03/31/2007. ORM 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		Complete if Known		
Oubstitute for form 1449A/PTO		Application Number	09/945,340	
O' INFORMATION DISCL	OSLIRE	Filing Date	August 31, 2001	
'SO 1		First Named Inventor	KYRLIDIS et al.	
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uduse as many sheets as neces	sary)	Examiner Name	Arun S. Phasge	
Sheet 1	of 2	Attorney Docket Number	96074CIP2 (3600-011-03)	
Through				

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Initials*	Cite No.1	Number - Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document			
		US-5,866,434	02-02-1999	Massey et al.			
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FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		WO 96/18059	06-13-1996	Hyperion Catalysis International Inc.	Cover page attached; see U.S. Patent No. 5,866,434 for U.S. counterpart.				
***************************************		JP 05-126815	05-21-1993		English abstract attached				
		EP 0 326 271	08-02-1989	Rohm and Haas Company					
	<u> </u>								

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Panenwork Reduction Act of 1995, no porcone are required to reco

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STATERENT BY APPLICANT					First Named Inventor	KYRLIDIS et al.		
					Art Unit	1753		
2		nany sheets a	as necessary)		Examiner Name	Arun S. Phasge		
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	NON PATENT LITERATURE DOCUMENTS	NON PATENT LITERATURE DOCUMENTS						
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	Office Action received in corresponding Japanese Patent Application No. 10-501615 dated February 6, 2007, with English translation.							
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Examiner		Date	
Signature		Considered	

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considered. Include copy of this form with next communication to applicant.

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